

An interleaving apparatus comprises a first storing unit for storing data to be transmitted and a first control unit for controlling the first storing unit so that the data to be transmitted is outputted from the first storing unit with the data to be transmitted arranged in a matrix and at least either columns or rows of the data to be transmitted randomly rearranged, facilitating the interleaving. The result is that biased distribution of data, which leads to degradation of the transmission quality, can be prevented relatively easily in a simple structure.